BIG CANNON BOOM WITH NARY A FLASH

Newest Powder Invention, Revolutionizing Night Fighting, Amazes Engineers

IRON THROATS ROAR ALL DAY

By a Staff Correspondent

Aberdeen Proving Grounds, Md., Oct. 8.—Everything that is modern in the development of a cannon soared and barked here yesterday in honor of the third annual convention of the Army Ordnance Association, which, with the American Society of Mechanical Engineers and the Society of Automotive Engineers took part.

Representatives of many foreign governments, many of them military attaches to the embassy in Washington, were present. Chief interest was centered in the first public showing of the new flashless powder.

Glow at Muzzle

The only sign of a flash was a momentary glow at the muzzle of the gun, not to be discerned at a distance greater than fifty yards. The importance of the new powder in modern warfare cannot be exaggerated.

The demonstration of the new powder, which is being kept secret pending the completion of the ordnance officers' study of its advantages, consisted of the firing of a gun placed in the middle of a group of guns. Set amid these loud reports are two of the substances used to eliminate this "sounding" sign of the officers.

Next in popular interest to the use of the flashless powder was the dropping of a 4000-pound bomb from a speeding airplane. This is the largest bomb ever manufactured, and is the third of its type ever to be dropped on land. The first one was aimed with sand and the second was dropped here about a week ago for observation. This monster tore a hole 20 feet deep and 275 feet in diameter in the most solid kind of ground.

When the Hamilton-Paige [illegible] had received a bequest of $100,000 thousand feet a year have been spent to erect and equip the range which was used yesterday, miles from the cannon.

It required perhaps thirty seconds for it to fall and disappear in the distance. The whole ground surface in its movement disappeared, heaved, waved, showed ruts, broke in the center and shot up in a wave of dirt and smoke to a height of about two hundred feet. The weight of the explosive was not heard for several minutes.

Yesterday was the first time that a gun from a gun which was the heaviest single unit of ordnance ever used. It is the only one of its kind in the country. It is 74 feet long and weighs 240,000 pounds. It requires 600 pounds of powder for a single charge, to drive a 2400-pound projectile 22 miles.

A vehicle blew past and then the whole rear of the gun carriage engine crashed out into the air. For several minutes the rumbling echoed in the disappointing silence the world to heard as it tore its way toward the to the missile target far out of sight.

This gun has a system of destruction underneath the superstructure, which that it is mounted on an [illegible] carriage which allows of a greater [illegible] in elevation. The two guns each [illegible] huge properties further than the gun on any previous mount.

Small Arms Shown

The afternoon was [illegible] up in a showing of some of the latest developments in small arms. The most interesting and the newest was a Browning 50-caliber machine gun. This is the largest gun the gun is operated. By the use of proper [illegible] the recoil was obviated, so that the gun through a [illegible] about 400 rounds a [illegible] of the automatic rifle and the machine gun. The working of the automatic rifle was similar to that made famous in the war. It is ammunition with [illegible] power.

Another [illegible] was [illegible] was shown. This is the [illegible] sighting gun and Pedersen rifle. In the invention of Colonel John D. Thompson, a retired ordnance officer, [illegible] make it self-starting and a rapid fire as the gun is fired shoot a bullet [illegible] the second [illegible] from the [illegible] the sight.

A demonstration of the [illegible] of Browning machine rifle [illegible] was made [illegible]

"Free Funds" Tied Up, Tustin Shows

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[illegible] be paid [illegible] the [illegible] men

Gives List of Proposed Sites

We are [illegible] ing playgrounds [illegible] be "the" [illegible] ourselves [illegible] amount [illegible] tract is [illegible] hands by [illegible] shall be [illegible] Council.

"In addition to [illegible] already authorized by Council, entirely under control [illegible] of this department [illegible] to Council [illegible] were introduced [illegible] and engineers [illegible] prompt [illegible] specifications. [illegible] Mr. Hall [illegible] were cut out, [illegible] which many [illegible] prepared [illegible] no good [illegible] to give [illegible] assistance.

Calls Attack Unjust

"We then introduced a resolution asking for $4000 for specifications, plans and architects to take up the recreation work in other than the regular of Philadelphia might be inspired of much needed [illegible] fairs and playgrounds in the year [illegible] resolution was held in Council until the session before adjournment, when it came out and the city attorney has been busily engaged since then in getting proper men to prepare these plans and specifications and we hope to have the money released by Council contracted for by December 1.

"Had Council promptly given us the assistance necessary to prepare plans and specifications to open these parks and playgrounds many will have been erected before this. We are planning the above to show the [illegible] of the attack made in Council upon this department and the fallacies of the statements made in support of these charges.

One of the loan items allotted to the welfare department's bureau of recreation is for $300,000 for the erection and improvement of swimming pools and bathhouses.

Director Tustin submitted a table which showed that his department has work under way which would absorb $274,600 of the total of $300,000, leaving a balance of $25,400 for deficiencies.

In detail, the Director said that plans are now being prepared for the building the pool at Second and Cumberland streets at a cost of $50,000 and another pool at Station and Cotton streets at a cost of $60,000.

Ordinance Pending

Further, an ordinance has been passed for the condemnation of properties at Second and Cumberland streets which is assessed at $8000 and another condemnation ordinance for the property at Station and Cotton streets which is assessed at $6000.

The department has passed ordinances to be introduced in Council for scheduling it Thirty-second street and Ridge avenue, Eighth and Mifflin streets and in Frankford at a total cost of $250,000. These ordinances are understood to be ready.

Another item of the loan money is for the sum of $650,000 for [illegible] ing of property and for the [illegible] and equipment of aquatic [illegible] the sum of $250,000 [illegible] been apportioned as follows:

[illegible] Pool, [illegible] Second, Pool [illegible] $200,000; and [illegible] Second and Seybert, $25,000. [illegible] ordinances [illegible] and [illegible] $75,000 [illegible] Pool, [illegible] $200,000; and [illegible] Second, $25,000